

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An isolated DNA comprising a nucleotide sequence encoding the following polypeptide (a) or (b):

[[~~(a)~~] a polypeptide, consisting of an amino acid sequence comprising ~~identical to the~~ amino acid sequence of ~~represented by~~ SEQ ID NO: 2; ~~or~~

~~(b) a polypeptide, consisting of an amino acid sequence derived from the amino acid sequence represented by SEQ ID NO: 2 by deletion, substitution, or addition of within one to twenty amino acids and having N-acetylglucosamine transferase activity.~~

2. (Currently Amended) An isolated DNA ~~(c) or (d) as follows:~~

~~(e) a DNA, comprising the nucleotide sequence of ~~represented by~~ SEQ ID NO: 1 and containing the nucleotide sequence that encodes the amino acid sequence of ~~represented by~~ SEQ ID NO: 2; ~~or~~~~

~~(d) a DNA, hybridizing under stringent condition of 1 x SSC, 0.1% SDS and 37 °C to a DNA consisting of a nucleotide sequence complementary to that of the DNA (c) and encoding a protein having N-acetylglucosamine transferase activity.~~

3. (Cancelled).

4. (Currently Amended) An expression vector, comprising a DNA comprising a nucleotide sequence encoding the following polypeptide (a), (b), (c) or (d):

[[a)] a polypeptide, consisting of an amino acid sequence comprising identical to the amino acid sequence of represented by SEQ ID NO: 2; or

~~(b) a polypeptide, consisting of an amino acid sequence derived from the amino acid sequence represented by SEQ ID NO: 2 by deletion, substitution, or addition of within one to twenty amino acids and having N-acetylglucosamine transferase activity~~

[[c)] a DNA, comprising the nucleotide sequence of represented by SEQ ID NO: 1 and containing the nucleotide sequence that encodes the amino acid sequence of represented by SEQ ID NO: 2; ~~or~~

~~(d) a DNA, hybridizing under stringent condition of 1 x SSC, 0.1% SDS and 37 °C to a DNA consisting of a nucleotide sequence complementary to that of the DNA (c) and encoding a protein having N-acetylglucosamine transferase activity.~~

5. (Original) A transformant, comprising the vector of claim 4.

6.-20. (Cancelled).

21. (Previously Presented) A method for producing a protein comprising culturing the transformant according to claim 5 and inducing expression of the DNA.